

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	6	(("5514503") or ("6445437")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 09:42
L2	235	(LCD or liquid adj crystal) and (intaglio or gravure) near3 print\$4 and black near1 (matrix grid pattern)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:43
L3	17	2 and (active and inactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:48
L4	2	("20040126678").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 09:47
L5	0	L4 and (active and inactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:47
L6	2	4 and active	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:50
L7	17	2 and active and inactive	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:49
L8	4	2 and active and dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:56
L9	2	4 and active and dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:50

## EAST Search History

L10	985	color with filters and active and dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:56
L11	765	(LCD or liquid adj crystal) and color with filters and active and dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:57
L12	49	(LCD or liquid adj crystal) and color with filters and realiz\$4 with active and dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:57
S1	2	("20040126678").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/07 09:22
S2	15	(("5259926") or ("4294650") or ("5514503") or ("5544582") or ("5678483") or ("5701815") or ("6001515") or ("6356318")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/07/29 11:27
S3	5	S2 and red	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 10:39
S4	6	(("4451028") or ("5836084") or ("4373713")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/01 11:57
S5	2	("5514503").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/01 11:57
S6	7079	dummy with area	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:53
S7	57	dummy adj area and active adj area	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/12/07 09:47

## EAST Search History

S8	19	dummy adj area and active adj area and (Liquid adj Crystal adj display or LCD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 10:04
S9	1	S7 and cliche	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/01 12:58
S10	9	S7 and (red and green and blue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 10:04
S11	19	dummy adj area and active adj area and (Liquid adj Crystal adj display or LCD)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 10:04
S12	9	S11 and (red and green and blue)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 10:29
S13	6	S11 and (red and green and blue and black)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 10:41
S14	6	S11 and (red and green and blue and black and resin and pixel\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:39
S15	1	S11 and (red and green and blue and black and resin and pixel\$4 and sub adj pixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:10
S16	1	S11 and (red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:10
S17	3454	(red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:10

## EAST Search History

S18	1054	(red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel) and LCD	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:46
S19	0	(red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel) and LCD and cliche	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:11
S20	1	(red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel) and LCD and (active adj area and dummy adj area)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:11
S21	88	(red and green and blue and black and resin and pixel\$4 and sub adj pixel or subpixel) and LCD and print\$4 adj roll	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:15
S22	2	("5514503").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/08/02 11:15
S23	1	S22 and subpixel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:15
S24	6	S11 and (red and green and blue and black and resin and pixel\$4 and dummy and active)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/02 11:39
S25	2	"20040126678"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:20
S26	1	cliche same active adj area same dummy adj area	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:23
S27	1	cliche and active adj area same dummy adj area	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:23

## EAST Search History

S28	38	substrate and active adj area same dummy adj area	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 11:42
S29	4	("6888608").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 11:56
S30	2	("20010022639").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 12:08
S31	213	black near3 (mask\$4 shield\$4 matrix\$4) same (red or R and blue or B and green or G) with ink\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 12:16
S32	1	black near3 (mask\$4 shield\$4 matrix\$4) same (red or R and blue or B and green or G) with ink\$4 same (dummy inactive or off adj display)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 12:10
S33	14	black near3 (mask\$4 shield\$4 matrix\$4) same (red or R and blue or B and green or G) with ink\$4 same (active and inactive or dummy and active or display or non adj display)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:06
S34	2	("5678483").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 13:13
S35	2	("5678483").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 13:16
S36	43	active adj area same dummy adj area	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:43

## EAST Search History

S37	47	active adj area and dummy adj area and (red or R and green or G and Blue or B)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:44
S38	0	active adj area and dummy adj area and (red or R and green or G and Blue or B) near4 ink44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:44
S39	4	active adj area and dummy adj area and (red or R and green or G and Blue or B) near4 ink\$44	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:52
S40	4	active adj area and dummy adj area and (red or R and green or G and Blue or B) near4 ink\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:44
S41	200	black adj (matrix area layer) same (red or R and green or G and Blue or B) near4 ink\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:53
S42	1	black adj (matrix area layer) same (red or R and green or G and Blue or B) near4 ink\$4 same dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:54
S43	1	black adj (matrix area layer) same (red or R and green or G and Blue or B) near4 ink\$4 same (dummy or off adj display or inactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:56
S44	1	(shield\$4 black) adj (matrix area layer) same (red or R and green or G and Blue or B) near4 ink\$4 same (dummy or off adj display or inactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:04
S45	108	(shield\$4 black) adj (matrix area layer) and (red or R and green or G and Blue or B) near4 ink\$4 and(dummy or off adj display or inactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 13:57
S46	108	(shield\$4 black) adj (matrix area layer) and(red or R and green or G and Blue or B) near4 ink\$4 and(dummy or off adj display or inactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:04

## EAST Search History

S47	571	black near3 (mask\$4 shield\$4 matrix\$4) and (red or R and blue or B and green or G) with ink\$4 and (active and inactive or dummy and active or display or non adj display)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:12
S48	32	black near3 (mask\$4 shield\$4 matrix\$4) and (red or R and blue or B and green or G) with ink\$4 and (active and inactive or dummy and active )	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:12
S49	32	black near3 (mask\$4 shield\$4 matrix\$4) and (red or R and blue or B and green or G) with ink\$4 and (active and inactive or dummy and active)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:24
S50	32	black near3 (mask\$4 shield\$4 matrix\$4) and (red or R and blue or B and green or G) with ink\$4 and dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 14:31
S51	1285	(349/43).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 14:31
S52	783	(349/43).CCLS.	USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 14:33
S53	2	(red and green and blue) adj ink\$4 and black adj (matri\$4 shield\$4 mask\$4) and (dummy or inactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:10
S54	70	(red and green and blue) adj ink\$4 and black adj (matri\$4 shield\$4 mask\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:08
S55	2	(red and green and blue) adj ink\$4 and (opaque black) adj (matri\$4 shield\$4 mask\$4) and (dummy or inactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:20

## EAST Search History

S56	11571	(red and green and blue) and (dummy or inactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:20
S57	7	(red and green and blue) adj ink\$4 and (dummy or inactive)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:20
S58	1	(red and green and blue) adj ink\$4 and dumm\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:22
S59	52	(red and green and blue) adj filter\$4 and dumm\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/04 15:22
S60	2	(red and green and blue) adj filter\$4 same dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 12:31
S61	4	("6445437").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/04 15:31
S62	0	"404134401"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 12:16
S63	0	("404134401").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/10 12:17
S64	0	("404134401").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/10 12:17
S65	1	("0471628").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/10 12:31

## EAST Search History

S66	10	"0471628"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/10 12:31
S67	2	("20040126678").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 08:12
S68	2	S67 and dummy adj area	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 08:59
S69	3	(reposition\$4 replac\$4) same (inks or filters) same (dummy adj area or inactive adj area or off adj display adj area)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 09:57
S70	0	"404134401"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 09:11
S71	0	("404134401").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 09:12
S72	3	"02258519"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 09:13
S73	7	("2258519").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 09:15
S74	116	(dummy inactive non adj display or non-display) adj area\$4 same black adj matri\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 09:24
S75	4	("6445437").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/15 09:18

## EAST Search History

S76	16	dummy adj area\$4 same black adj matri\$8	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 09:25
S77	11	dummy adj area\$4 same black adj matri\$8 same (color or red or blue or green)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 09:27
S78	11	dummy adj area\$4 same black adj matri\$8 same (color or red or blue or green)and (color or red or blue or green)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 09:27
S79	27	(dummy adj area or inactive adj area or off adj display adj area) same black adj matri\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:53
S80	13	(dummy adj area or inactive adj area or off adj display adj area) same black adj matri\$4 same active	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:54
S81	30	(dummy adj area or inactive adj area or off adj display adj area) same black adj matri\$4 and active	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/15 11:54
S82	18	(dummy adj area or inactive adj area or off adj display adj area) same black adj matri\$4 and active	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:01
S83	1	("200230204").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 12:05
S84	1	"200230204"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 12:06
S85	2	("20040126678").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/06/20 13:02

## EAST Search History

S86	2	S85 and dummy	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/20 13:02
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